

CLAIMS

1. A method of providing fresh fish distribution support information, wherein information pertaining to fresh fish is collected and processed via a computer communications network and provided as distribution support information via a computer communications network, said method comprising the steps of:

guiding fresh fish producers to have them input fish catch microdata via a computer communications network;

converting the fish catch microdata input and collected from the fresh fish producers to database format and recording and storing it on a server as at least part of a fresh fish information database;

guiding parties desiring fresh fish information to have them input selection conditions for the desired information via a computer communications network;

searching for, and reading from the fresh fish database, fresh fish information that conforms to the selection conditions; and

transmitting to said parties desiring fresh fish information the fresh fish information that was read out from the server.

2. A method of providing fresh fish distribution support information, wherein information pertaining to fresh fish is collected and processed via a computer communications network and provided as distribution support information via a computer communications network, said method comprising the steps of:

guiding fresh fish distributors to have them input fresh fish transaction result data via a computer communications network;

converting the fresh fish transaction result data input and collected from the fresh fish distributors to database format and recording and storing it on a server as at least part of a fresh fish information database;

guiding parties desiring fresh fish information to have them input selection conditions for the desired information via a computer communications network;

searching for, and reading from the fresh fish information database, fresh fish information that conforms to the selection conditions;

transmitting to said parties desiring fresh fish information the fresh fish information that was read out from the server.

3. A method of providing fresh fish distribution support information of Claim 1, wherein a password of a fresh fish producer is needed to enter the fish catch microdata, and input is denied if the person entering the data is determined, based on the password, not to be a person authorized to enter data.

4. A method of providing fresh fish distribution support information of Claim 2, wherein the password of a fresh fish distributor is needed to enter fresh fish transaction result data, and input is denied if the person entering the data is determined, based on the password, not to be a person authorized to enter data.

5. A method of providing fresh fish distribution support information of Claim 1, wherein the fish catch microdata input and collected from the fresh fish producers is divided into limited access data and public access data, converted to database format and recorded and stored on a server as at least part of a fresh fish information database, and the addition of a password of a party desiring the fresh fish information is required in order to enter the selection conditions of the desired information, and a determination is made, based on the password, whether or not to provide fresh fish information containing limited access data to the party desiring the fresh fish information.

6. A method of providing fresh fish distribution support information of Claim 2, wherein the fresh fish transaction result data input and collected from the fresh fish distributors is divided into limited access data and public

access data, converted to database format and recorded and stored on a server as at least part of a fresh fish information database, and addition of a password of a party desiring the fresh fish information is required in order to enter the selection conditions of the desired information, and a determination is made, based on the password, whether or not to provide fresh fish information containing limited access data to the party desiring the fresh fish information.

7. A method of providing fresh fish distribution support information of Claim 1, wherein the fish catch microdata input and collected from the fresh fish producers is divided into for-fee data and no-fee data, converted to database format, recorded and stored on a server as at least part of a fresh fish information database, and invoices for the fresh fish information that is searched and read from the fresh fish information database are processed, according to the category of a party desiring the fresh fish information.

8. A method of providing fresh fish distribution support information of Claim 2, wherein the fresh fish transaction result data input and collected from fresh fish distributors is divided into for-fee data and no-fee data, converted to database format, recorded and stored on a server as at least part of a fresh fish information database, and invoices for the fresh fish information that is searched and read from the fresh fish information database are processed, according to the category of the party desiring the fresh fish information.

9. A method of providing fresh fish distribution support information, wherein information pertaining to fresh fish is collected and processed via a computer communications network and provided as distribution support information via a computer communications network, said method comprising the steps of:

guiding fresh fish producers to have them input fish catch microdata via a computer communications network;

converting the fish catch microdata input and collected from fresh fish producers and containing fresh fish identification tag codes to database format and recording and storing it on a server as at least part of a fresh fish information database;

5 attaching to each individual fish a fresh fish identification tag with a fresh fish identification tag code;

 guiding parties desiring fresh fish background information to have them input a fresh fish identification tag code attached to each individual fish via a computer communications network;

10 searching for and reading out the relevant fish catch microdata from the fresh fish information database with the fresh fish identification tag code as a link code; and

 transmitting the fresh fish information containing at least a portion of the fish catch microdata read out from the server to the party desiring the fresh fish information.

10. A method of providing fresh fish distribution support information of Claim 9, wherein invoices are processed, according to the category of the party desiring the fresh fish information, for the fresh fish information that is searched and read from the fresh fish information database.

20 11. A method of providing fresh fish distribution support information, wherein information pertaining to fresh fish is collected and processed via a computer communications network and provided as distribution support information via a computer communications network, said method comprising the steps of:

25 guiding fresh fish distributors to have them input fresh fish transaction result data via a computer communications network;

 converting the fresh fish transaction result data input and collected from the fresh fish distributors and containing fresh fish identification tag codes to database format and recording and storing on a server as at least
30 part of a fresh fish information database;

attaching to each individual fish a fresh fish identification tag with a fresh fish identification tag code;

guiding parties desiring fresh fish background information to have them input the fresh fish identification tag code attached to each individual fish via a computer communications network;

searching for and reading out the relevant fresh fish transaction result data from the fresh fish information database with the fresh fish identification tag code as a link code; and

transmitting the fresh fish information containing at least a portion of the fresh fish transaction result data read out from the server to the party desiring the fresh fish information.

12. A method of providing fresh fish distribution support information of Claim 11, wherein invoices are processed, according to the category of the party desiring the fresh fish information, for the fresh fish information that is searched and read from the fresh fish information database.

13. A method of providing fresh fish distribution support information, wherein information pertaining to fresh fish is collected and processed via a computer communications network and provided as distribution support information via a computer communications network, said method further comprising the steps of:

guiding fresh fish providers to have them input fish catch microdata via a computer communications network;

analyzing data based on the fish catch microdata input and collected from fresh fish producers to generate fresh fish forecast information;

converting the fresh fish forecast information to database format and recording and storing it on a server as at least part of a fresh fish information database;

guiding parties desiring fresh fish information to have them input selection conditions for said fresh fish forecast information via a computer communications network;

searching for and reading from the fresh fish database the fresh fish information that conforms to the selection conditions; and

transmitting to said parties desiring fresh fish information the fresh fish forecast information that was read out from the server.

5 14. A method of providing fresh fish distribution support information of Claim 13, wherein the fresh fish microdata input and collected from fresh fish producers is analyzed by data mining to generate fresh fish forecast data.

10 15. A method of providing fresh fish distribution support information of Claim 13, wherein the fresh fish forecast data is fish catch volume forecast data and/or production site price forecast data, and fresh fish forecast information is fish catch volume forecast information and/or production site price forecast information.

15 16. A method of providing fresh fish distribution support information of Claim 13, wherein the fresh fish forecast information that is searched and read from the fresh fish information database is subjected to invoice processing.

20 17. A device for providing fresh fish distribution support information, a server being connected to data terminals of a plurality of fresh fish producers or fresh fish distributors via a computer communications network, said device comprising:

an output control device that outputs data guiding input of fish catch microdata or fresh fish transaction result data to the data terminals;

an input control device that inputs fish catch microdata or fresh fish transaction result data sent from the data terminals;

25 a CPU that converts said fish catch microdata or fresh fish transaction result data to various fresh fish information databases, operating according to a database building program installed in advance in a memory device; and

a memory device for storing said database building program and said fresh fish information databases.

18. A device for providing fresh fish distribution support information of Claim 17, wherein the fish catch microdata or the fresh fish transaction result data includes a fresh fish identification tag code attached to a fresh fish identification tag which is attached to each individual fish.

5 19. A device for providing fresh fish distribution support information, a server being connected to data terminals of a plurality of fresh fish producers or fresh fish distributors via a computer communications network, said device comprising:

10 an output control device that outputs data guiding input of a password of a fresh fish producer and the fish catch microdata or data guiding input of a password of a fresh fish distributor and fresh fish transaction result data to the data terminals;

an input control device that inputs said password and fish catch microdata or fresh fish transaction result data sent from the data terminals;

15 a CPU that determines the qualifications of said fresh fish producer or distributor to input data, based on said password, operating according to an access control program installed in advance in a memory device; and

20 a memory device for storing said access control program and the fresh fish information databases based on said fish catch microdata or said fresh fish transaction result data.

20. A device for providing fresh fish distribution support information, a server being connected to data terminals of a plurality of parties desiring fresh fish information via a computer communications network, said device comprising:

25 an output control device that outputs data guiding input of selection conditions for the desired information to the data terminals and outputs to parties desiring fresh fish information conforming to these selection conditions;

30 an input control device that inputs selection conditions for the desired information sent from the data terminals;

a CPU that searches and reads out from the fresh fish information databases fresh fish information conforming to said selection conditions, operating according to a search program installed in advance in a memory device; and

5 a memory device for storing said search program and said fresh fish information databases.

10 21. A device for providing fresh fish distribution support information of Claim 20, provided with a CPU that searches fresh fish information databases relating to fish catch microdata of individual fresh fish, based on fresh fish identification tag codes attached to the bodies of fresh fish that include the selection conditions of the desired information, and that reads out fresh fish information conforming to said selection conditions.

15 22. A device for providing fresh fish distribution support information of Claim 20, a server being connected to data terminals of fresh fish producers or distributors as parties desiring fresh fish information via a computer communications network, said device comprising:

a memory device in which is installed in advance a forecasting program that analyzes and generates fish catch microdata; and

20 a CPU for reading out fresh fish forecast information, operating according to the forecasting program.

25 23. A device for providing fresh fish distribution support information, a server being connected to data terminals of a plurality of parties desiring fresh fish information via a computer communications network, said device comprising:

an output control device that outputs data guiding the input of the password of a party desiring fresh fish information and selection conditions for the desired information to the data terminals and that outputs to relevant parties desiring fresh fish information the fresh fish information conforming to the selection conditions;

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an input control device that inputs a password and the selection conditions for the desired information sent from the data terminals;

a CPU that determines the category of the parties desiring fresh fish information and whether or not they are authorized to search, based on a password, according to an access control program installed in the memory device in advance, and that searches and reads out from a fresh fish information database the fresh fish information conforming to the selection conditions and the category of the party desiring fresh fish information, by means of a search program installed in a memory device in advance; and

a memory device in which are installed said access control program, a search program, and fresh fish information databases.

24. A device for providing fresh fish distribution support information of Claim 23, provided with a CPU that searches fresh fish information databases relating to fish catch microdata of individual fresh fish, based on fresh fish identification tag codes attached to the bodies of fresh fish that include the selection conditions of the desired information, and that reads out fresh fish information conforming to said selection conditions.

25. A device for providing fresh fish distribution support information of Claim 23, a server being connected to data terminals of fresh fish producers or distributors as parties desiring fresh fish information via a computer communications network, said device comprising:

a memory device in which is installed in advance a forecasting program that analyzes and generates fish catch microdata; and

a CPU for reading out fresh fish forecast information, operating according to the forecasting program.

26. A device for providing fresh fish distribution support information, a server being connected to data terminals of a plurality of parties desiring fresh fish information via a computer communications network, said device comprising:

an output control device that outputs data guiding the input of a password of a party desiring fresh fish information and selection conditions to the data terminals and that outputs to said party desiring fresh fish information the fresh fish information conforming to the selection conditions;

an input control device that inputs said password and the selection conditions for the desired information sent from the data terminals;

a CPU that determines the category of the parties desiring fresh fish information and whether or not they are authorized to search, based on a password, according to an access control program installed in the memory device in advance, and that computes invoices for the fresh fish information read out as described above, according to the category of the party desiring fresh fish information, by means of an invoicing program installed in advance in a memory device.

27. A device for providing fresh fish distribution support information of Claims 26, a server being connected to data terminals of fresh fish producers or distributors as parties desiring fresh fish information via a computer communications network, said device comprising:

a memory device in which is installed in advance a forecasting program that analyzes and generates fish catch microdata; and

a CPU for reading out fresh fish forecast information, operating according to the forecasting program.